

Roger Millar, Secretary of Transportation

Safety

- Sign-in
- Who is CPR Qualified?
- AED
- Who will call 911?
- Evacuation
- Restrooms
- Breaks

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Speakers

Philip Larson, Project Manager, Guy F. Atkinson Construction





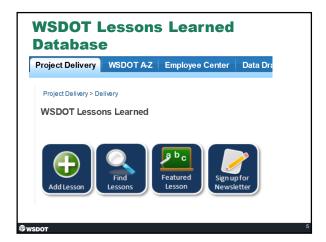
Bob Dyer, Assistant State Construction Engineer, WSDOT

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Purpose of Lessons Learned

- A systematic way to share statewide Lessons on past experiences;
- Share best practices and avoid repetition of past failures.

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What Types of Lessons have been Learned?

- Request for Qualifications
- · Request for Proposal
- Contract Administration
- Closeout

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Culture Change in Roles, Responsibilities, & Attitudes

- Design -Build is a change
- · Change is Difficult



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Culture Change in Roles, Responsibilities & Attitudes Kübler-Ross model | Integration Changes | Integration Changes | Integration Changes | Integrated; |

Culture Change in Roles, Responsibilities, & Attitudes • Design-Build requires

 Design-Build requires the owner to respond mush faster than Bid-Build

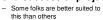




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Culture Change in Roles, Responsibilities, & Attitudes

 The Owner and Design-Builder must learn to see each other as partners, jointly striving for a successful project





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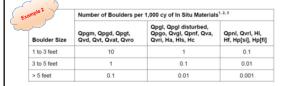
Culture Change in Roles, Responsibilities, & Attitudes

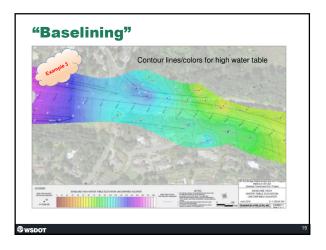
 QA's role should be viewed as documenting proof to the world of what the quality is

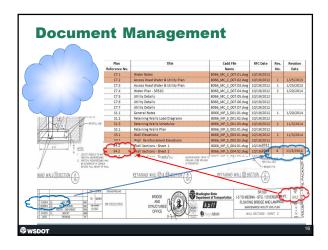


"Baselining"

- For baseline purposes the Proposers shall assume the following:
 Three heating-oil USTs will be encountered
- Each tank will be 500 gallons in volume.
 - Twenty-five cubic yards (cy) of soil contaminated with oil- and/or dissel-range petroleum hydrocarbons at levels exceeding the MTCA Method A cleanup level will require excavation and disposal during removal of each UST.







**Spend" Technical Points Prudently - Technical score can result in paying extra - Ask: Should we pay extra for this? - Legislature encourages best value, but wants low price too. **Example of best value ≠ low price Example of best value ≠ low price **Example of best value ≠ low price **Example of best value ≠ low price **Example of best value ≠ low price

Lessons Learned on ATC's Meeting of the minds on what has changed Quote from the ITP: "Proposed RFP modifications: References to all requirements of the RFP that are modified by the proposed ATC with an explanation of the nature of the modification from said requirements and a request for approval of such modifications. Use addendum or tracked changes format."



RFQ Advertisement

- Be sure project goals are relevant. Clearly assign risk to the best party to handle the risk.
- Double check the engineers estimate after the scope settles.
- · Shortlist to 3 teams is a best practice.
- · Offer teams that have successfully worked together on past projects.

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Early Advertisement

- Post the Pre-Advertisement notice as early as possible.
- Take advantage of forums that provide project information to industry.
- Be available to meet with potential Design-Build teams.



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RFP Advertisement

- 1:1 Meetings make sure you anticipate the need for a 1.5 hr. meeting for each proposer team each week. Ensure you have a team including SME that can typically respond to questions within a week.
- Consider scheduling all three 1:1 meetings the same day.
- Resist the temptation to say "No" to ATC Concepts which are different than the Conceptual Plan.
- Do not include RFP development consultant designers in 1:1 meetings.

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Partnering/Escalation Ladder

- · Formal and Informal Partnering
- · Aligning of teams and goals.
- · Escalation Ladder



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Formal Partnering

- Has a facilitator.
- · Decision makers need to attend.
- Need to be willing to partner.
- Delegation is key.



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Informal Partnering

- · Can happen at any time.
- · Keeps communication open.
- · Aligns goals for all parties.
- Fun!!



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Aligning of teams and goals.

- Align everyone to the goals of both WSDOT and the Design-Builder.
- Take time to understand each other.
- · Celebrate successes together.



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Escalation Ladder

- Set formal escalation ladder and timelines early.
- Don't let little small issues slow down the process.
- Use your escalation ladder to help resolve issues early.
- · It is OK to ask for help.



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Escalation Ladder continued

- Timely resolution of disagreements between Design-Builder and WSDOT is essential.
- Develop and execute Change Orders in a timely manner.
- Communicate with your counterpart on the DB side.
- Understand who is the EOR. Their ideas are OK even if they are not your ideas.



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Startup/Early Submittals

- · Early submittals are critical!
- QMP
- · Think about closeout early!



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Early submittals are critical!

- · Be prepared for early submittals.
- · Time is of the essence.
- · Design-Builder needs to be prepared.
- WSDOT needs to beat review timelines.



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QMP

- Needs to be ready at NTP.
- · Can be submitted piece meal.
- · Design comes first.



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Think about closeout early!

- · Think about closeout with the first submittal.
- · Closeout taskforce at beginning of project.
- Clearly communicate expectations and commitments.
- · Understand the Design-Builder's software.



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Closeout

- Establish the Document Control Plan and Document Control System very early on in the Project
- Setup a Document Control System that aligns closely with the Construction Manual and encourage the DB to do so as well
- Start early while the DB team and document control manager is onsite. Once they've moved out, it's hard to get missing documents.
- Informal Audits throughout the life of the Project

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Resources

- · WSDOT Design-Build Web Page http://www.wsdot.wa.gov/Projects/delivery/designbuild/Default.htm
- Joint Transportation Committee of Washington State Legislature Design-Build Study http://leg.wa.gov/JTC/Pages/Design-Build-Study.aspx

- WSDOT Design-Build Templates
- http://sharedot/eng/cn/hqconstr/dpb/DB%20Templates/Forms/AllIte ms.aspx
- Design-Build Institute of America Best Practices https://www.dbia.org/resource-center/Pages/Best-Practices.aspx
- · Design-Build Institute of America Transportation Conference www.dbia.org

